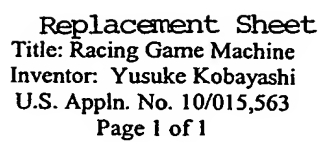


Amendment Under 37 C.F.R. § 1.116  
10/015,563

**AMENDMENTS TO THE DRAWINGS**

Replacement page of Figure 12A

Attachment: Replacement Sheet)



100

POWER SUPPLY

83

82

81

76

MOTOR DRIVER

77

CONTROLLER

78

COMMUNICATOR

70

75

PLANAR LINEAR MOTOR

84

84

72

90

Detailed description: This block diagram illustrates a mobile robot system 100. A horizontal bar at the top represents a ceiling or track. A vertical shaft 81 connects this bar to a rectangular robot body 70. At the top of the shaft is a component 82, which is connected to a component 83 on the ceiling bar. Inside the robot body 70, there is a control system consisting of a MOTOR DRIVER 76 and a CONTROLLER 77, connected by a bidirectional arrow. A COMMUNICATOR 78 is also connected to the CONTROLLER 77 and has a dashed arrow pointing away from it, indicating wireless communication. At the bottom of the robot body 70 is a PLANAR LINEAR MOTOR 75. This motor is shown driving a horizontal track 90, which is supported by a series of vertical posts 72. The track 90 has several rectangular blocks on it, and a dashed arrow indicates the direction of movement. Two components, labeled 84, are shown at the interface between the robot body 70 and the track 90, likely representing sensors or contact points.